

App. Ser. No. 10/674,943  
Reply to Office action of May 18, 2006  
Reply Date: August 16, 2006

Please replace the Abstract of the specification with the Abstract below:

**ABSTRACT OF THE DISCLOSURE**

A method and system for performing data integrity process is provided. The method  
5 includes selecting a cyclic redundancy code ("CRC") mode from amongst append, validate and  
keep, and validate and remove mode. If the append mode is selected, then CRC is appended after  
each data block boundary. A CRC seed value is incremented for each data block providing a  
unique CRC value for each data block. If validate and keep mode is selected, then CRC  
accompanying any data is compared to CRC that may have been accumulated. If validate and  
10 remove mode is selected, then CRC is first validated and then CRC is removed before data is  
sent out. The system includes CRC logic that allows firmware running on an adapter to select  
one of plural CRC modes including append, validate and keep, and validate and remove mode.